

FIGURE 1

SEQ ID NO: 41	M-----GHGGE-----GMSLEFTPTWVVAGVCTVIVAISLAVERLLH	1
SEQ ID NO: 40	MITSRCRRSLLWFLVFGGATATGAPSGKELSQPTWAVAVVCTFLILISHLLEKGLQ	60
SEQ ID NO: 39	M-----SDKKG-VPARELPETPSWAVAVVFAAMVLVSVLMEHGLH	
SEQ ID NO: 42	M-----ADQ-----VKEKLEETSTWAVAVVCFVLLLSIVIEKLIH	
SEQ ID NO: 08	M-----SGGEE-----GATLEFTPTWVVAACFTVIVAISLAAERLLH	
SEQ ID NO: 12	M-----AAGESSSSRDLQDPTWAVAAVCTVFILVSIKSLH	
SEQ ID NO: 14	M-----GGGEE-----GNNLEFTPTWVAVVCSVIVAASFAAERFLH	
SEQ ID NO: 28	M-----GG-----KTLQETPTWAVAVVCFVLLSISILIEHILH	
SEQ ID NO: 32	M-----AEDYEYPPARTLPETPSWAVAVVFAVMIIIVSVLLEHALH	
SEQ ID NO: 38	M-----AGGGGK-----AKPLEYPTTWIVALVCSVMIIISLLFERLLH	60
SEQ ID NO: 41	YFGTVLKKKKQKPLYEALQKVKEELMLLGFISLLLTVFQGL-ISKFCVKENVLMHMLPCS	
SEQ ID NO: 40	RLANWLWKKHKNSLLEALEKIKAEELMILGFISLLLTTFGE-PYILKICVPRKAALSMPLCL	
SEQ ID NO: 39	KLGHWFQHRHKKALWEALEKMKAEELMLVGFISLLLTIVTQDPIIAKICISEDAADVMPCK	
SEQ ID NO: 42	KIGSWFKKKKKKALYEALQKAEELMLMGFISLLLTIGQG-YISNICIPKNIAASMHPCS	
SEQ ID NO: 08	YGGKFLKAKDQKPLYEALQKAEELMLLGFISLLLTITQNG-ITKICVRPSLTLMHMLPCN	
SEQ ID NO: 12	KVGTWLGQKKKKALLEALEKVKAEELMLLGFISLLLTITQNG-SYIVRICIPEKLADNMLPCP	
SEQ ID NO: 14	YGGKFLKRNQKPLYEALQKAEELMLLGFISLLLTITQNG-IIRICVPVGVTHHMLPCS	
SEQ ID NO: 28	LIGKWLKKKKRALCEALEKIKSELMLLGFISLLLTITQNG-LISRICISEKVAGTFHPCP	
SEQ ID NO: 32	KLGHWFHKKRNALAEALEKIKAEELMLVGFISLLLTAVTQDPISG-ICISEKAASIMRPCS	
SEQ ID NO: 38	RLGKRLIRSRKKPLYEALLKVKEELMLLGFISLLLTITQNG-MGKVCVSPSAMLHLQPCCK	120

FIGURE 1

SEQ ID NO: 41	LDSR----	REAGASEHKNVTAKEHFQFLPIVG-TTRRLAEH-----	AAVQVGYCSEK	180
SEQ ID NO: 40	-----	SEDTVLFQKLAPSSL-----	SRHLLAAGDTSIN-----	C-KQ
SEQ ID NO: 39	RGTEGRK-----	-----	PSKYVDY-----	CPE-
SEQ ID NO: 42	ASEEARKYGKDVPEDEEENLRKLLQLVDS--	LIPRRSLATKGYD-K-----	CAEK	
SEQ ID NO: 08	LHD-----	APANHES-----	HFQTFPP--G-TARRLLSGEHSTPESASKIGYCSRK	
SEQ ID NO: 12	Y-----	KY-KEDKKASDSEEHRRKLLSY-----	ERRYLAADTTSEK-----	CSRE
SEQ ID NO: 14	L-----	-----	-----	
SEQ ID NO: 28	-----	KYYKKKEESEHRTNNGRRLLAAFLDSDNQNHRRILAAAGGD-N-----	CPP-	
SEQ ID NO: 32	LPPGSVK-----	-----	SKYKDY-----	CAKK
SEQ ID NO: 38	-----	PPPHETDHLGD----	AVFTGVLG-GARRLLAGGASSDK-----	YCLKK
				121
SEQ ID NO: 41	GKVPLLSLEALHHLHIF	FVLAISHVTFCVLTVIFGSTRIHQWKKWEDSIADEKFDPEA		
SEQ ID NO: 40	GSEPLITLKGLHQLHILLFFLAI	FHIVYSLITMMLSLRKLIRGWKKWEQETLSNDYEFSD		
SEQ ID NO: 39	GKVALMSTGSLHQLHVFI	FVLAVFHVITYSVITIALSRLKMRTWKKWETETTSLEYQFAND		
SEQ ID NO: 42	GKVAFVSAYGMHQLHIF	FVLAVCHVIYICIVTYALGKTKMRRWKKWEEETKTIEYQYSHD		
SEQ ID NO: 08	HKVPLLSVEALHHLHIF	FVLAVVHVSFSLTVVFGGARIRQWKHWEDSIAKQNYETDRV		
SEQ ID NO: 12	GHEPLLSVNGLHQLHILRILLAVI	HVLYSAITMMLGRLKILGWKAWAAGLQLHNYEFANA		
SEQ ID NO: 14	-----	-----		
SEQ ID NO: 28	GKVPFVSSEGIHQLHIF	FVLAVFHVLYCILTALGRAKMRWRKRWEEETKTAQYQFSD		
SEQ ID NO: 32	GKVSMLMSTGSLHQLHIF	FVLAVFHVITYSVIIMALSRLKMRTWKKWETETASLEYQFAND		
SEQ ID NO: 38	DKVPLLSDDAIHQLHIF	FVLAVTHFLLSAITVLLGMAQTRNWRHWETKIQENNGSAPQM		240
				181

FIGURE 1

SEQ ID NO: 41	LRKRRVTHVNHAFIKEHFLGIGKDSVILGWTQSFLLKQFYDSVTKSDYVTLRLGFIMTH-	300
SEQ ID NO: 40	HSRLRLTH--ETSFVREHT-SFWTTTPFFFYVGCFFRQFFVSVERTDYTLRHGFISAHL	
SEQ ID NO: 39	PARFRFTH--QTSFVKRHL-GLSSTPGIR-WVVAFFRQFFRSVTKVVDYTLRAGFINAHL	
SEQ ID NO: 42	PERFRFAR--DTSFGRRLH-SFWSKSTITLWIVCFRQFFRSVTKVVDYTLRHHGFIMAH	
SEQ ID NO: 08	L-KPKVTQVHQHDFIRGFAFGKDSAIVGWLLESLKQFYGSVTKSDYVTLRHHGFIMTH-	
SEQ ID NO: 12	ASKIKLIM--ETSFVRSPI-QFLIRIPFIFFYIRCFRQFYRSVNRTDYTLRNGFITVHL	
SEQ ID NO: 14	-----	
SEQ ID NO: 28	PERFRFAR--ETSFGRRLH-SFWAQNPLVLLWIVCFRQFVRSVPKVVDYTLRHHGFIMAH	
SEQ ID NO: 32	PARFRFTH--QTSFVKRHL-GLSSTPGIR-WVVAFFRQFFRSVTKVVDYTLRAGFINAHL	
SEQ ID NO: 38	IK-----HVQEFKFIQDHFKGHRKRSRIFGWMRSFFKQLYGSVTEEDYTMMRLGFIMKH-	300
	241	
SEQ ID NO: 41	-CKGNPKLNFHKYMMRALEDDEDFKQVVVGISWYLWIFVVIFLLNVNGWHTYFWIAFIPFAL	
SEQ ID NO: 40	APGR--KFNFRQYIKRSLLEDDEDFKLVVGISPLWASVFIFFLVNNGWRTLFWASIPPLLI	
SEQ ID NO: 39	SQNS--KFDFHKYIKRSMEDDFKVVVGISPLWGVAILTLFLDINGVGTLLIWSFIPPLVI	
SEQ ID NO: 42	APGSDARDFRKYIQRSLEEDFKTIVEINPVIWFIWVAVLFLTNGLNSYLWLPFIPFIV	
SEQ ID NO: 08	-CRTNPKNFHKYMIRALEDDDFKQVVVGISWDLWLFVVIFLLNNGWHTYFWIAFIPVIL	
SEQ ID NO: 12	APGS--KFNFPKYIKRSLLEDDEDFKVVVGVSPIWASVVVYLLINNVNGWHTVLWAAALIPVVI	
SEQ ID NO: 14	-----	
SEQ ID NO: 28	GPHSHPKDFRQYIKRSLLEDDEDFKVVVEIR-----	
SEQ ID NO: 32	SHNS--KFDFHKYIKRSMEDDFKVVVGISPLWCVAILTLFLDIDGIGTLTWISFIPPLVI	
SEQ ID NO: 38	-CKGTPKFNFSYIMIRALEVDFKVVVGISWYLWAMLMIFFLLNVGWWYVIWITLVPFIM	360
	301	

## FIGURE 1

SEQ ID NO: 41	LLAVGKLEHVIAQLAHEVAEKHVAIEGDLVVKPSDEHFWFSKPQIVLYLIHFILFQNAF	420
SEQ ID NO: 40	ILAVGKLOAIMATMALEIVETHAVVQGMPLVQGSDDRYFEDCPQLLLHLIHFALFQNAF	
SEQ ID NO: 39	LLCVGTKLEMIIMEMALEIQDRASVIKGAAPVEPSNKEFFWHRPDWVLFHILTLFQNAF	
SEQ ID NO: 42	ILIVGTKLOVITTKLGLRIQEKGDVVKGTPLVQPGDHHFEGRPFRFILFLIHLVLETFNAF	
SEQ ID NO: 08	LLAVGKLEHIITQLAHEVPEKHAAIEGDLVVQPSDEHFWHRPHVFLIHLIHFILFQNAF	
SEQ ID NO: 12	ILAVGKLOAILANMALEITERHAVVQGMPLVQGSDDKYFWFGQPQLVLHLIHFALFQNAF	
SEQ ID NO: 14	-----	
SEQ ID NO: 28	-----	
SEQ ID NO: 32	LLCVGTKLEMIIMEMALEIQDRASVIKGAAPVEPSNKEFFWHRPDWVLFHILTLFQNAF	
SEQ ID NO: 38	LLMVGSKMEHIITELAYEVAQKHTAIRGDLVVSPSDNFFWHRPKLVLLLIHIVLFLFQNAF	420
	361	
SEQ ID NO: 41	EIAFFFWIWVTYGFDSKIMGQVRYIVPRLVIGVFIQVLCYSTLPLYAIVSQMGSSFKA	
SEQ ID NO: 40	QITHFFWIWYSFGLKSCFHKDFNLVVSCLFCLGALLCSYITLPLYALVTQMGSHMKKA	
SEQ ID NO: 39	QMAHFVWTVATPGLKKCYHTQIGLSIMKVUVGLALQFLCSYMTFPLYALVTQMGSNMKRS	
SEQ ID NO: 42	QLAFFVWSTYEFGLKNCFHESRVDVIRISIGLLVQILCSYVTLPLYALVTQMGSKMKPT	
SEQ ID NO: 08	EIAFFFWIWVTYGFDSKIMGQVRYIVPRLVIGVFIQVLCYSTLPLYAIVTQMGTHYKRA	
SEQ ID NO: 12	QITYILWIWYSFGLRNCERTDYKLAUVKVALXM-MLCLCSYITLPLYALVTQMGSRMKTA	
SEQ ID NO: 14	-----	
SEQ ID NO: 28	---FFA-----	
SEQ ID NO: 32	QMAHFVWTVATPGLKKCFHMHIGLSIMKVVLGLALQFLCSYITFPLYALVTQMGSNMKRS	
SEQ ID NO: 38	EIAFFFWLLVTYGFKSCIMGKPAYVITRVVISVICQVLCGYSTLPLYAVVSHMGNSFKKT	480
	421	

FIGURE 1

SEQ ID NO: 41	IFEENVQVGLVGAQVKQKRDLCAAA-----SNGDEGSSQAGPGDSSGSGS-----	
SEQ ID NO: 40	VFDEQMAKALKKWKHKDIKLLK-----GKARKLPSTLGVSEFSL-----	
SEQ ID NO: 39	IFDEQTSKALTNWRNTAKEKKKVRDMLMAQMIQDTPSRGSSPMPSPRGSSPVHLLHKG	
SEQ ID NO: 42	VFNERVATALKSWHHTA--KKNIKH-----GRTESTPFSSRPTTPTHGSSPIHLLRNA	
SEQ ID NO: 08	IFNDHLQQNIIVGWAQKAKKRKGLKA-----DGNPGQSSQESAN-----	
SEQ ID NO: 12	IFDEQTNKALKKWHMAAKKKQ-----GGAVTLGKSSARIMDGSPI-----	
SEQ ID NO: 14	-----KDKKK-----	
SEQ ID NO: 28	-----	
SEQ ID NO: 32	IFDEQTAKALTNWRNTAKEKKKVRDMLMAQMIQDTPSRGTSPMPSPRGSSPVHLLHKG	
SEQ ID NO: 38	IFDENVTGLVNWAEKA--RRGTRTPN-----KITDASSPIDEANGGA-----	540
		481
SEQ ID NO: 41	-----APAAAGPGAGFAGIQLSRVTRNAGDTNNEITPDHN-----N-----	
SEQ ID NO: 40	-----SSSSSATTLHRSKTTGH---SSNIYYKQDEEDEMDS--L	
SEQ ID NO: 39	---MGRSDD-----PQSAPTSPTQQEARDMPVVVAHPVHRLNPNDRRRSASSSAL	
SEQ ID NO: 42	PHKRSRSVDESANFSFPRNSDFDSDPESQHETAETSNHRSRFGEESEKKFVSSSV	
SEQ ID NO: 08	-----TGILGSIFFKATAPGDSSSAPKADGISSV.---	
SEQ ID NO: 12	-----GNSSTVHSLAPHYTVSKLLATQAPAPHQORTRIKIKIMN--M	
SEQ ID NO: 14	-----K-----	
SEQ ID NO: 28	-----	
SEQ ID NO: 32	---MGRSDD-----PQSAPTSPTMEEARDMPVVVAHPVHRLNPADRRRSVSSSAL	
SEQ ID NO: 38	-----VQMT-----NTRANSVEQGTARLI.---	600
		541

TTTTTT" 96825860

WO 00/36110

09/857896  
PCT/US99/30181

FIGURE 1

SEQ ID NO:41	-----
SEQ ID NO:40	EAGAEIDAIDRIQQEQMF-----HNS
SEQ ID NO:39	E-----ADIPSADEFSQ-G
SEQ ID NO:42	ELPPGPGQIRTQHEISTISLRDFSFKR--
SEQ ID NO:08	-----
SEQ ID NO:12	NPMVLSCLRWRKQASL.-----
SEQ ID NO:14	-----
SEQ ID NO:28	-----
SEQ ID NO:32	D-----ADIPSADEFSQG.
SEQ ID NO:38	-----

601

629